Under the Paperwork Reduction Act of 1995, no persons are requ	uired to res			d Tradema	rk Office;	U.S. DEF	PTO/SB/0 04/30/2003. OMB 00 PARTMENT OF COM us a valid OMB contro	551-0032 MMERCE
Onder the Paperwork Reduction Act of Tood, No persons die Teq		y Docket		8733.3		_	,00 10.00 0	
UTILITY	First In	First Inventor Suk-Won C			HOI et	al.		
PATENT APPLICATION						_		Ļα
TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Title	FERR	OELE	CTRIC	LIQUIE	CRY	STAL PANEL	J.S. P 5418
(Only for new nonprovisional applications under 37 GTV 1.33(b))	Expres	ss Mail La	bel No.		-			38
APPLICATION ELEMENTS		ADDR	PESS .	TO. Co	Patent mmissio	ner for F		03108
See MPEP chapter 600 concerning utility patent application cor	ntents.	7001		Ρ.	D. Box 14 exandria,		313-1450	<u> </u>
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages] 26	<u> </u>		Compu cleotide : applicabl	OM or CD-F iter Progra and/or Ami e, all neces puter Read	m <i>(Appen</i> no Acid S ss <i>ary)</i>	dix) equence	e table or Submission	
(preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed)	<u>'</u> '		i. State	tion Seque CD-RON ements ver	ence Listin or CD-R ifying ider	g on: (2 copie ntity of ab	es); or ii. Pove copies IONS PARTS document(s))	aper
Detailed Description Claim(s) Abstract of the Disclosure	9 lı	10.	(when	R 3.73(b) S there is an n Translatio	assignee		Power of Attorney plicable)	
5. Oath or Declaration [Total Sheets 2	2]	12.		ation Disclo			Copies of IDS Citations	
a. Newly executed (original or copy)		13. X	7	nary Amer				
b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)		14. X	(Should	Receipt Po	ically item	ized)		
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application,		15.	if foreig	ed Copy of an priority is a blication Re	daimed)		(s) .S.C. 122 (b)(2)(B)(i)	
see 37 CFR 1.63(d)(2) and 1.33(b).		16. X		nt must at		PTO/SB/	/35 or its equivalent.	
6. Application Data Sheet. See 37 CFR 1.76	_		J	of Kore	an Priori	ty Appln	ority with front pag n. No. 1999-59463	
18. If a CONTINUING APPLICATION, check appropriate box, following the title, or in an Application Data Sheet under 37 CFF Continuation X Divisional Continuation	R 1.76: -in-part (0	CIP) of p		mation bei			/739,660	cification
Prior application information: Examiner James For CONTINUATION or DIVISIONAL APPS only: The entire of			 or applic	Art Unit.	-	oath or o	2871 declaration is supplie	ed .
under Box 5b, is considered a part of the disclosure of the accoreference. The incorporation can only be relied upon when a po	mpanying	g continua	tion or di	visional ap	plication	and is he	reby incorporated by	
19. COR	RESPO	NDENCE	ADDR	ESS	1			
Customer Number or Bar Code Label	10 (or X	Corres	spondence address l	below
MCKENNA LONG & ALDRIDG Song K. Jung	E LLP	<u></u> .						
Address 1900 K Street, N.W.								
City Washington State	te	DC			Zip Code	2000	06	
Country US Tele	ephone	(202) 4	96-75	00	Fa	ex (20	02) 496-7756	
Name (Print/Type) Rebecca Goldman Rudio	ch	Reg	istration	No. (Attorn	ey/Agent)	41	,786	
Signature States Lates					Date	Nove	mber 19, 2003	



PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

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FEE TRANSMITTAL for FY 2003		C mpl					olete if Known		
		Applic	olication Number			ТВА			
		Filing Date				November 19, 2003			
Effective 01/01/2003, Patent fees are subject to annual revision.	First Named Inventor			Suk-Won CHOI et al.					
Elledive 01/01/2003, Paterit lees are subject to allitual revision.		Exam	iner N	lame		Not Yet A	ssigned		
Applicant claims small entity status. See 37 CFR 1.27		Art Unit			N/A				
TOTAL AMOUNT OF PAYMENT (\$) 770.00		Attomey Docket No. 87				8733.360	.10-US		
METHOD OF PAYMENT (check all that apply)	Ī			FEE	CALCUL	ATION (co	ntinued)		
X Check Credit Money Order Other None	3. ADDITIONAL FEES								
Deposit Account	l		_						
Deposit Account 50-0911	Fee	Entity Fee	Sma Fee	II Entity Fee	-				
Number 50-0911	Code	(\$)	Code			Fee Desc	ription	Fee Paid	
Deposit Account McKenna Long & Aldridge LLP	1051	130	2051	65	Surcharge -	- late filing fee	e or oath		
Name The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge - sheet.	 late provisio 	onal filing fee or cover		
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		h specification	1		
Charge any additional fee(s) during the pendency of this	1812	2,520	1812	2,520	•	•	arte reexamination		
application	1804	920*	1804	·	-	publication o			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting	publication o	f SIR after		
FEE CALCULATION	1251	110	2251	55	Examiner a Extension for	or reply within	first month		
1. BASIC FILING FEE	1252	410	2252				second month		
Large Entity Small Entity	1253	930	2253	465	Extension for	or reply within	third month		
Fee Fee Fee Fee Fee Pee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for	or reply within	fourth month		
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 770.00	1255	1,970	2255	985	Extension for	or reply within	fifth month		
1002 340 2002 170 Design filing fee	1401	320	2401	160	Notice of A	ppeal			
1003 530 2003 265 Plant filing fee	1402	320	2402	160	Filing a brie	f in support o	f an appeal		
1004 770 2004 385 Reissue filing fee	1403	280	2403	140	Request for	r oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to it	nstitute a pub	lic use proceeding		
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to r	evive – unavo	oidable		
335161A2(1) (0) 17336	1453	1,300	2453	650	Petition to r	evive - uninte	ntional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue	fee (or reissu	ie)		
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design issu	ie fee			
Total Claims 8 -20** = 0 x 18.00 = 0.00	1503	630	2503	315	Plant issue	fee			
Independent 1 -3** = 0 x 86.00 = 0.00	1460	130	1460	130	Petitions to	the Commiss	sioner		
Multiple Dependent =	1807	50	1807	50	Processing	fee under 37	CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission	of Informatio	n Disclosure Stmt		
Fee Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40		each patent as mes number o	ssignment per		
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375		mission after	final rejection		
1201 86 2201 43 Independent claims in excess of 3	1810	750	2810	375	For each ac	dditional inver			
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1801	750	2801		•	37CFR 1.129 Continued F	(b)) xamination (RCE)		
over original patent	l .					r commueu c r expedited ex	, ,		
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		application			
and over original patent	Other fee (specify)								
SUBTOTAL (2) (\$) 0.00	· · · · · · · · · · · · · · · · · · ·								
**or number previously paid, if greater; For Reissues, see above									
SUBMITTED BY	00	entin - *1	. 1				if applicable)		
Name (Print/Type) Rebecca Goldman Rudich		ration No ey/Agent		1,786		Telephone	(202) 496-7463	3	

SUBMITTED BY	Complete (if applicable)			
Name (Print/Type) Rebeoca Goldman Rudich	Registration No. (Attorney/Agent) 41,786	Telephone	(202) 496-7463	
Signature TOUR DE		Date	November 19, 2003	